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A N N U A L R E P O R T

O F T H E

M E D I C A L O F F I C E R O F H E A L T H

C H A R L E S W . E V A N S , M . R . C . S . , (E n g .) L . R . C . P . , (L o n d .)

F O R T H E

Y E A R

1 9 6 5

To: The Chairman and Members of the Bakewell Urban District Council.

Mr. Chairman, Miss Mellor and Gentlemen,

I have pleasure in submitting to you my Annual Report on the Sanitary Circumstances, the Sanitary Administration and the Vital Statistics of the District for the year 1965.

PHYSICAL FEATURES OF THE DISTRICT.

The district may roughly be said to consist of a broad river valley, running north and south. Its western slope rises more or less abruptly to a height of 600 feet above the river level at 400 feet. Whereas fifty years ago, the lower portion of this hillside and the lowlying land on both banks of the river were the site of most of the houses, of late years building has taken place on the higher ground.

GEOLOGICAL FEATURES.

The hilly portion is mountain limestone, while the eastern side is composed of Yoredale Rocks (Yoredale Grit and Shale).

OCCUPATIONS.

Agriculture, the manufacture of electric accumulators and machine tools, knitted garments, quarrying and retail trading are the main occupations of this Market Town; to which must be added tourism, Bakewell being the chief town in the Peak District National Park.

STATISTICS.

Area	3061 acres
Population Census 1961	3606 (1672 M., 1934 F.)
Estimated Mid-Year Population 1965	4030
Rateable Value	£154,411
Product of Penny Rate	£584

BIRTHS: TOTAL - 47.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Live Births	26	21	47
Legitimate	25	21	46
Illegitimate	1	0	1
Stillbirths	0	0	0

Area Comparability Factor - Births	:	1.12
Corrected Birth Rate (per 1,000 population)	:	13.06
Stillbirth Rate (per 1,000 total live and stillbirths)	:	Nil.

DEATHS: TOTAL - 80 Males 41. Females 39.

Area Comparability Factor-Deaths	:	0.46
Corrected Death Rate (per 1,000 population)	:	9.13
Infant Mortality Rate (Deaths of Infants under 1 year)	:	Nil.
Neonatal Mortality Rate (Deaths of Infants under 4 weeks)	:	Nil.

The Cancer Death Rate was 1.48 per 1,000 population.

Death Rate from Angina and Coronary Disease was 3.22 per 1,000 population.



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VITAL STATISTICS.

Births. Total 47.

Although the number of births registered locally was only 11; the remaining 36 were confined away from home mostly in Maternity hospitals and Homes outside the Urban District and registered at the place of birth. The Birth Rate is lower than last year.

DEATHS. Total 80.

The total number of deaths registered locally was 118. This number includes all deaths occurring at the Bakewell Cottage Hospital (29) and at Newholme Hospital (68) and at The Pentecostal Eventide Home (3) together with other local residents dying in their own homes (18). To obtain the true number of deaths of Bakewell residents: 48 Outward Transferable deaths i.e. those persons who normally lived outside the district which occurred in the above two hospitals must be subtracted, whilst 10 inward Transfers i.e. those Bakewell residents who died away from their homes in neighbouring hospitals, must be added to reach the correct number of local deaths.

It should be noted that of these 80 local deaths attributed by the Registrar General 12 died before the age of 65 the accepted pensionable age - 18 between 65 and 75 - whilst 50 people died over the age of 75 including one lady of 105.

The local average age at death was Males 76.17 --- Females 80.0 years. The corrected Death Rate is higher than last year.

Graphs. showing the birth and death rates and population growth for the past 65 years is appended.

COMPARABLE VITAL STATISTICS 1964/65

	England and Wales		Bakewell U.D.C.	
	1964	1965	1964	1965
Live Birth Rate (per 1,000 estimated population)	18.5	18.1	16.88	13.06
Death Rate (per 1,000 of estimated population)	11.3	11.5	7.96	9.13
Still Birth Rate (per 1,000 total live and still births)	16.3	15.8	Nil	Nil
Infant Mortality Rate (Deaths under 1 year per 1,000 total live births)	19.9	19.0	Nil	Nil
Neonatal Mortality Rate (Deaths under 4 weeks per 1,000 total live births)	13.8	13.0	Nil	Nil
Peri-natal Mortality Rate (Still Births and Deaths of infants under 1 week of age)	28.2	26.9	Nil	Nil
Internal Mortality Rate	0.25	0.25	Nil	Nil
Birth Rate per Whole County	17.29			
Death Rate per Whole County	12.15			

Registrar General's Classification

of

Deaths for Bakewell Urban District, 1965.

Cause of Death	Sex	Total all Ages	Age in Years			
			45-	55-	65-	75 & over
1 - 9 Zymotic Diseases.	M	-	-	-	-	-
	F	-	-	-	-	-
10. Malignant Neoplasm Stomach.	M	-	-	-	-	-
	F	1	-	-	1	-
11. Malignant Neoplasm Lung - Bronchus.	M	-	-	-	-	-
	F	1	-	1	-	-
12. Malignant Neoplasm Breast.	M	-	-	-	-	-
	F	-	-	-	-	-
13. Malignant Neoplasm Uterus.	M	-	-	-	-	-
	F	-	-	-	-	-
14. Other Malignant and Lymphatic Neoplasms	M	1	-	-	1	-
	F	3	-	-	2	1
15. Leukaemia. Aleukaemia	M	-	-	-	-	-
	F	-	-	-	-	-
16. Diabetes.	M	-	-	-	-	-
	F	-	-	-	-	-
17. Vascular Lesions of Nervous System	M	12	1	-	2	9
	F	16	-	-	4	12
18. Coronary Disease, Angina	M	7	-	2	2	3
	F	6	-	2	1	3
19. Hypertension with Heart Disease.	M	-	-	-	-	-
	F	1	-	-	1	-
20. Other Heart Disease	M	7	-	-	1	6
	F	4	-	-	-	4
21. Other Circulatory Disease.	M	1	-	-	-	1
	F	3	-	1	-	2
22. Influenza.	M	-	-	-	-	-
	F	-	-	-	-	-
23. Pneumonia.	M	1	-	-	-	1
	F	2	-	-	-	2
24. Bronchitis.	M	4	1	1	1	1
	F	-	-	-	-	-
25. Other Diseases of Respiratory System.	M	3	-	-	1	2
	F	-	-	-	-	-
32. Other defined and ill-defined diseases.	M	3	-	1	1	1
	F	2	-	1	-	1
33. Motor Vehicle Accidents	M	-	-	-	-	-
	F	-	-	-	-	-
34. All other accidents.	M	2	-	1	-	1
	F	-	-	-	-	-
<u>TOTAL ALL CAUSES</u>	M	41	2	5	9	25
	F	39	-	5	9	25

Registrar General's Classification

of Deaths, 1965.

A. Bakewell War Memorial Cottage Hospital &

B. Newholme Hospital, Bakewell.

<u>Code No.</u>	A.		B.	
	M	F	M	F
1-9. Zymotic Diseases.....	Nil		Nil	
10. Malignant Neoplasm - Stomach.....	-	-	-	1
11. Malignant Neoplasm - Lung - Bronshus	-	2	2	-
12. Malignant Neoplasm - Breast.....	-	1	-	-
14. Other Malignant and Lymphatic Neoplasms.....	3	4	2	1
16. Diabetes.....	-	1	-	1
17. Vascular Lesions of Nervous System.....	1	1	10	7
18. Coronary Disease, Angina.....	1	1	3	2
19. Hypertension with Heart Disease.....	-	-	1	2
20. Other Heart Disease.....	2	1	4	3
21. Other Circulatory Disease.....	1	2	3	8
23. Pneumonia.....	2	-	2	2
24. Bronchitis.....	3	-	4	1
25. Other Diseases of the Respiratory System.....	1	-	3	-
26. Ulcer of Stomach and Duodenum.....	-	-	1	-
28. Nephritis and Nephrosis.....	-	1	-	-
32. Other Defined and Ill-Defined Diseases.....	1	-	4	1
TOTALS				
	15	14	39	29

Newholme Hospital, Bakewell.

Number of Patients in Hospital at 1st January, 1965	71
Admissions during year	150
Discharges during year	84
Deaths during year	68
Patients remaining in Hospital at 31st December, 1965.....	69 .

Of the 68 deaths (39 Male, 29 Female) there were 29 Outward Transfers leaving 39 deaths which the Registrar General classifies as Bakewell Urban District deaths, namely 8 Bakewell residents and 31 others dying in hospital who were formerly in Part III or were in Hospital for more than six months.

Average age at death of males.....	77.82
Average age at death of females.....	81.82

War Memorial Cottage Hospital, Bakewell.

Number of Patients in Hospital at 1st January, 1965.....	Nil	(Hospital closed)
Number of Patients admitted during year	164	
Discharged during year	125	
Deaths during year	29	
Patients remaining in Hospital at 31st December, 1965.....	10	

Of the 29 deaths, 16 were male and 13 female.
11 were Bakewell Residents, the other 18
coming from outside Bakewell Urban District.

Average age at death of males	70.37
Average age at death of females	76.53

INFECTIOUS DISEASES

The total number notified was 91. - Scarlet Fever 9
 - Whooping Cough 42
 - Measles 38
 - Pneumonia 1
 - Tuberculosis 1

Age Groups	Scarlet Fever		Whooping Cough		Measles		Pneumonia		Tuberculosis Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	-	-	-	-	3	-	-	-	-	-
1 year	-	-	1	2	3	3	-	-	-	-
2 years	1	-	7	4	1	2	-	-	-	-
3 years	-	-	2	5	2	5	-	-	-	-
4 years	-	-	-	6	3	2	-	-	-	-
5 - 9 years	1	6	7	5	4	9	-	1	-	-
10 - 14 years	-	1	3	-	-	1	-	-	-	-
15 - 24 years	-	-	-	-	-	-	-	-	-	1
25 and over	-	-	-	-	-	-	-	-	-	-
TOTAL ALL AGES	2	7	20	22	16	22	-	1	-	1

VACCINATION AND IMMUNISATION.

In my report in 1963 I stressed the importance of all these procedures. This advice remains just as important today. The tendency is to include 4 vaccines in one syringe and so reduce the number of injections. Vaccination against Smallpox should be done separately before the end of the second year. It is also to be hoped that Measles Vaccine will produce a significant reduction of cases of this disease. Immunisation against Diphtheria in 1965. Primary immunisations 48. Booster injections 25.

TUBERCULOSIS REGISTER.

	Males		Females		TOTAL
	Pul.	Non-Pul	Pul.	Non-Pul	
On Register 1. 1. 65.	7	1	5	0	13
Admitted during year	0	0	1	0	1
Removed during year	0	0	1	0	1
Remaining on Register 31. 12. 65.	7	1	5	0	13

FOOD POISONING.

No cases of Food Poisoning were notified during the year. A useful Memorandum on Food Poisoning was published by the Ministry of Health in November, 1965.

FOOD HYGIENE (GENERAL) REGULATIONS, 1960.

	No. of Premises.	No. fitted to comply with Regulation No. 16 hand-washing facilities.	No. fitted to comply with Regulation No. 19 sink facilities.
Butchers	9	3	9
Confectioners	3	3	3
Grocers	10	7	10
Greengrocers	4	-	4

Further Improvements should be made under these Regulations.

MILK.

No human cases of Brucellosis came to my notice. Cases in cows however occurred in neighbouring districts. My remarks made in my last years Annual Report apply equally today. The vaccillating policy of the Ministry is to be deplored.

STERILISED MILK.

Last year I drew your attention to the value of sterilised milk. In view of the probability of milk deliveries becoming less frequent, I quote the views expressed at a Conference in 1950 by Dr. W. A. Lethem, then a Principal Medical Officer of the Ministry of Food, as follows:-

" Sterilised Milk is described as milk which, after having been filtered or clarified and homogenised, has been heated to above 212°F. for long enough to comply with a particular test. Many people look on it askance; they do not like the taste and say that it is less nutritious than other milk. But the truth is that it is the safest milk on the market, not only because it has been subjected to the greatest heat, but because it is bottled before heating. The loss in nutritional value is small and is easily replaced by other foods, while the amount of vitamins lost in relation to human needs is negligible. It is easily digested - an important matter with some infants - but its main value is that an opened bottle will keep for days and an unopened one for weeks. This is of importance to the very poor. Compare the condition at the end of the week of an opened bottle of pasteurised milk with an opened bottle of sterilised milk with its replaceable airtight stopper."

MEAT INSPECTION.

	Cattle inc. Cows	Calves	Sheep	Pigs
Number Inspected	957	9	2969	1265
Diseases other than T.B., whole carcasses.	0	1	3	0
Part or organ condemned	75	1	52	27
% of number inspected condemned	8.4	2.2	1.7	2.1
<u>Tuberculosis only.</u> Part or organ condemned	0	0	0	2
% of number inspected affected with T.B.	0	0	0	0.2
Cystercosis	0	0	0	0

MEAT INSPECTIONS Cont.

Keeping of Pigs.

I have advised the Council to alter the Byelaw whereby the minimum distance of a pigstye to a dwelling house shall not be less than 100 feet instead of 50 feet as at present. This has been agreed to in principle but the final administrative details have not yet been completed.

The Meat Inspectors Regulations, 1963 were revised as from October 1st, 1965. The Meat Inspection (Amendment) Regulations, 1965 came into force in October 1st, 1965.

HOUSING.

Number of Houses erected by	A)	Local Authority	Nil.
	B)	Private Enterprise	17.

Although no houses were completed during the year by your Authority, the foundations of eight one storey Bungalows for Old People were laid. These were scheduled for completion in the first half of 1966.

There is no "points system" for the allocation of houses in your area.

The number of Houses reported to the Ministry for Slum Clearance was 12. Many of the older houses were building into the hillside with no damp proof course and with no facilities for drying clothes at the back.

A graph is appended showing the number of houses built under A and B during the past 65 years.

WATER.

I append the Annual statement with regard to this district from the District Manager and the Water Engineer.

I regret that neither reservoirs have yet been covered.

Flouridation of Water.

Although the County Council support this policy as do your Council; there is still a minority in the Country against this project. This is much to be regretted.

SEWERAGE AND SEWAGE DISPOSAL.

Although the Joint scheme as reported last year has been agreed between the two Councils, the final approval of the Ministry is awaited. Consultations on matters of detail are still proceeding between them.

REFUSE DISPOSAL. - The method is by controlled tipping.

PUBLIC HEALTH ACT, 1936.

No Public Swimming Bath is available. For many years past I have been urging the Council to provide swimming facilities under the above Act. Each time your Authority has declared that it is impossible to do so alone on financial grounds.

During the year, I again asked that you approach the County Education Committee to provide facilities for teaching swimming when new plans were being prepared to enlarge the present Lady Manners School which is to become a Comprehensive School. You agreed to do so. The choice between further Gymnastic facilities and a Swimming Pool for children should have only one answer - a Swimming Pool where instruction can be given. Modern ideas are changing with regard to gymnastics in relation to swimming. From the point of view of health I am convinced that the exercise of all the muscles in swimming is very beneficial to growth. The saving of life is encouraged whilst the modern use of swimming exercises in various forms of arthritis and disc lesions is being more fully realised each year. I therefore urge you to do all in your power to see that these facilities are provided particularly as many more children from surrounding districts will converge on Bakewell.

FACTORY ACT, 1961.

Particulars with regard to the Factory Act, 1961 appear as an appendix.

The Public Health Inspector's Report is appended.

My thanks are due to the Council, their Officers and Staff for their continued co-operation in the promotion of Public Health.

I am,

Your Obedient Servant,

CHARLES W. EVANS.

Medical Officer of Health.

31st August, 1966.

FACTORIES ACT, 1961.

1 - INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors.)

Premises	No. on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Secs. 1,2,3,4,& 6 are to be enforced by Local Authority.	5	4	-	-
(ii) Factories not included in (i) in which Sec. 7 is enforced by the Local Authority.	29	32	-	-
(iii) Other premises in which Sec. 7 is enforced by Local Authority (ex. out-workers' premises.	-	-	-	-
TOTAL	34	36	-	-

2 - Cases in which DEFECTS were found.

Particulars	No. of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness.	-	-	-	-	-
Sanitary Conveniences:					
a) Insufficient	1	-	-	-	-
b) Unsuitable or defective	1	-	-	-	-
c) Not separate for sexes	-	-	-	-	-
TOTAL	2	-	-	-	-

3 - Outwork Nil.

NORTH DERBYSHIRE WATER BOARD

REPORT TO MEDICAL OFFICER OF HEALTH ON

WATER SUPPLY TO BAKEWELL U.D. YEAR, 1965.

The supplying authority to the area is the North Derbyshire Water Board.

- a. 1) The supply sources to the area are a Bulk Supply of treated water from Derwent Valley Water Board and Fallinge Spring. Both are stored in open reservoirs and pass, after chlorination into distribution and to three balancing tanks.

Storage in open reservoirs, the absence of filtration and stagnation in balancing tanks at the ends of the system inevitably result in deterioration of quality during distribution. The reservoirs have been cleaned out and additional chlorination introduced prior to the open reservoir. This has to some extent alleviated the problem.

- 2) The quantity proved adequate, no restrictions being imposed.
- b.) Chemical and Bacteriological analyses are carried out in the Board's Laboratories. All raw, treated and distributed waters are examined at least monthly.

The number of examinations involved in 1965 being:-

Bacteriological	194
Chemical	36

Bacteriological results on treated waters have generally been satisfactory. Chemical results vary with location in view of two sources being involved.

Approximate limits of variations being:-

pH	6.2 - 9.6
Alkalinity (CaCO ₃)	10 - 22
Total Hardness (CaCO ₃)	36 - 50
Chloride (Cl)	12 - 13.6
Flouride (F)	0.1 -

- c.) There was no evidence of plumbo-solvent action.
- d.) Before being brought into use all new mains were washed out, sterilized and samples taken to ensure satisfactory bacteriological and physical results.
- e.) Waters were monitored for radioactive substances.

Monthly reports of current bacteriological and physical results were forwarded to the Medical Officer of Health.

- f.) The number of houses in the area is 1,152. The population is 3,606 the above figures are taken from 1961 Census, a breakdown into properties and population actually supplied from the Board's mains is as yet unobtainable.

C. H. CROMBIE, M.I.C.E., M.I.W.E.
Engineer and Manager.

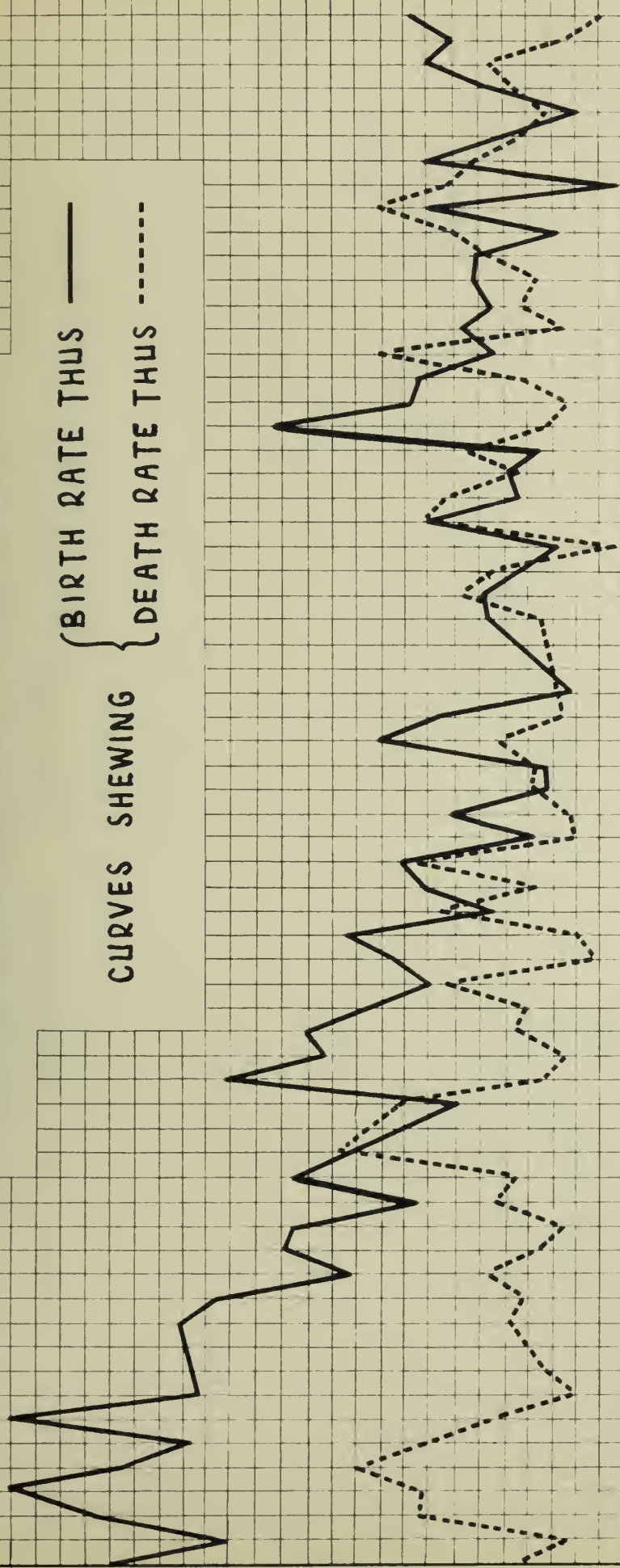
PER 1,000
POPULATION

35
34
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

URBAN DISTRICT COUNCIL OF BAKEWELL

CURVES SHEWING
{ BIRTH RATE THUS —
DEATH RATE THUS - - - -

1900 1905 1910 1915 1920 1925 1930 1935 1940 1945 1950 1955 1960 1965



URBAN DISTRICT COUNCIL OF BAKEWELL CURVE SHOWING POPULATION GROWTH

4200
4150
4100
4050
4000
3950
3900
3850
3800
3750
3700
3650
3600
3550
3500
3450
3400
3350
3300
3250
3200
3150
3100
3050
3000
2950
2900
2850
2800
2750
2700
2650
2600
2550
2500

1891

1895

1900

1905

1910

1915

1920

1925

1930

1935

1940

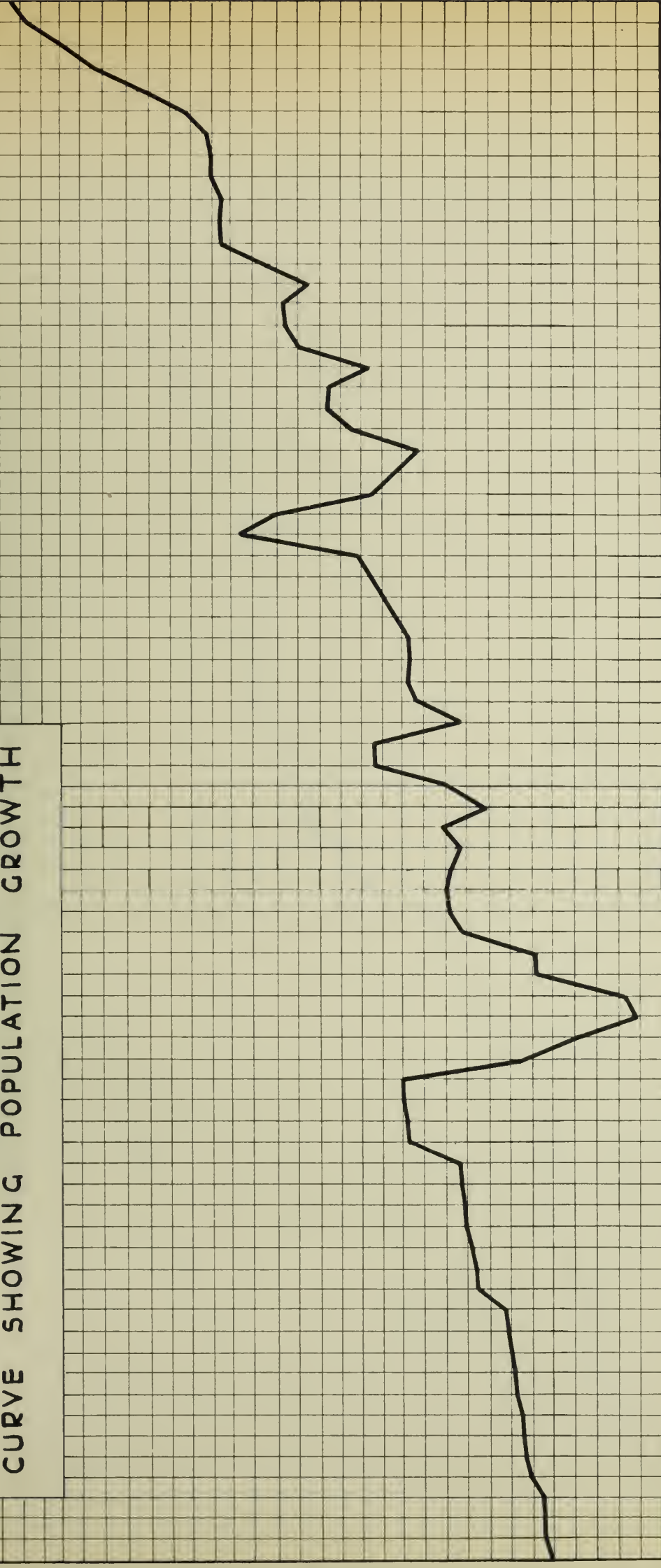
1945

1950

1955

1960

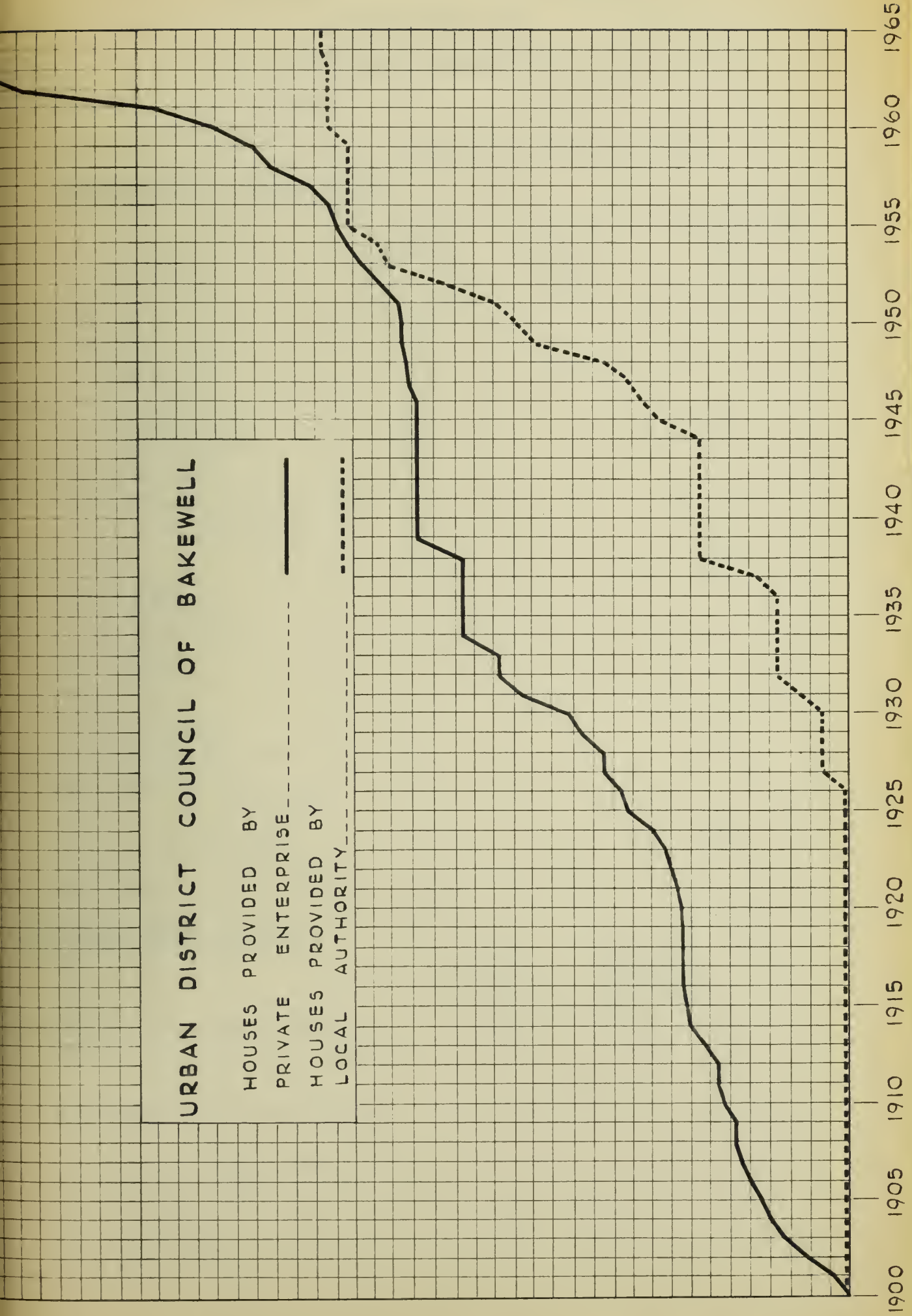
1965



430
420
410
400
390
380
370
360
350
340
330
320
310
300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

URBAN DISTRICT COUNCIL OF BAKEWELL

HOUSES PROVIDED BY
PRIVATE ENTERPRISE - - - -
HOUSES PROVIDED BY
LOCAL AUTHORITY - - - -



ANNUAL REPORT OF PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1964

BAKEWELL URBAN DISTRICT.

Inspector: J. D. BLAKEMAY.

Estimated Population - 4030

Estimated No. of Houses - 1281.

GENERAL SANITARY ADMINISTRATION

	No. on Register	Increase or Decrease during the year	Inspections made
Bakehouses	4	-	7
Canal Boats	-	-	-
Common Lodging Houses	-	-	-
Dairies	1	-	3
Factories and Workplaces	34	-	39
Houses let in Lodgings	-	-	-
Ice Cream Premises (a) Manufacturers	-	-	-
(b) Dealers	18	-	10
Market-Stalls	105	-	210
Milk Distributors	-	-	-
Moveable Dwelling Sites	-	-	-
Offensive Trades	-	-	-
Outworkers	-	-	-
Preserved Food Stores	-	-	-
Offices, Shops & Railway Premises	79	-	45
Slaughterhouses (a) Public Abattoirs	-	-	-
(b) Private Abattoirs	4	-	620
Knackers Yards	1	-	2

SEWERAGE AND SEWAGE DISPOSAL

	No. of Houses	Estimated Population Involved
No. of Houses connected to Sewers	1259	3920
No. of Houses not connected to sewers	22	110
No. of conversions of other closets to W.C.'s.	1	
No. of connections made during year:-		
(a) existing houses	1	
(b) new houses	17	
(c) other premises	1	

HOUSING.

Estimated No. of Houses declared 'unfit' 1.1.55 to 31.12.65.	15
No. of Houses demolished or closed, 1.1.55 to 31.12.65	13
During the year:-	
(1) Houses demolished	
(a) in Clearance Areas	-
(b) not in Clearance Areas	-
Unfit Houses closed	-
Unfit houses made fit and houses in which defects are remedied	3
Unfit houses in temporary use	-
Houses in Clearance Areas purchased	-
(2) Improvement Grants	
(a) No. approved for conversion or improvement (Housing Act 1958) (Discretionary Grants)	2
(b) No. approved for improvement (Housing Act 1959) (Standard Grants)	5
No. of new dwellings completed	
(a) by local authority	Mil
(b) by private enterprise	17

REFUSE COLLECTION AND DISPOSAL

COLLECTION		DISPOSAL		
Direct Labour	Contract	No. of controlled tips	No. of uncontrolled tips	Destructor Works
Yes	-	1	-	-

MEAT INSPECTION

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
No. killed	906	51	9	2969	1265	-
No. inspected	906	51	9	2969	1265	-

SHOPS, OFFICES AND RAILWAY PREMISES ACT, 1963.

REGISTRATIONS AND GENERAL INSPECTIONS

	No. of premises registered during the year	Total no. of registered premises at end of year	No. of regis- tered premises receiving a general inspec- tion during year
Offices	-	32	11
Retail Shops	-	37	14
Wholesale shops, warehouses	-	1	-
Catering establishments open to the public, canteens.	-	9	-
Fuel Storage Depots	-	-	-
Totals	-	79	28

PERSONS EMPLOYED IN REGISTERED PREMISES

Class of Workplace	No. of persons employed
Offices	137
Retail Shops	152
Wholesale departments, Warehouses	50
Catering establishments open to the public	106
Canteens	-
Fuel Storage depots	-

Total 445
Total Males 178
Total Females 266

J. D. BLAKEWAY,

Surveyor and Public Health
Inspector.

31st August, 1966.

